(b) if so, the amount spent on the construction of these plants; and

(c) the quantity of coal handled through these plants, year-wise?

THE MINISTER OF STATE IN THE MINISTRY OF MINES AND MINERALS (DR. (SHRIMATI) RITA VERMA): (a) No Coal handling plant was constructed in 1980 at Wani area near Chandrapur or Kanhanan in Madhya Pradesh.

(b) and (c) In view of the reply to part 'a' above, question does not arise.

New Sources of Non-conventional Energy

4798. MISS FRIDA TOPNO: Will the Minster of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) how many new sources of non-conventional energy have been developed in the country;.

(b) the State-wise position of energy production; and

(c) what steps will be taken for such sources in the backward areas of Eastern India?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) and (b) The Ministry of Non-conventional Energy Sources is implementing a wide range of programmes such as biogas plants, improved chulhas, integrated rural energy programme, energy parks, small hydro power (upto 25 MW), wind power, solar power, biomass/co-generation, biomass gasifier, solar photovoltaics, solar thermal, solar cooker, solar photovoltaic pumps and small aerogenerators etc. depending upon technical feasibility and economic viability of available technologies throughout the country. The State-wise achievements made under various Non-conventional Energy programmes till 31st March, 2000 is given in the Statement. (*See* below)

(c) Ministry is making concerted efforts in the high focus areas identified for implementation of its various programmes, which also include many backward areas of Eastern India. For biogas and improved chulha programmes higher rates of subsidies are also provided for the high focus areas.

STATEMENT

State wise Cumulative Physical Achievements made under major non-conventional energy programmes as on 31- 3-2000.

Sl. No.	States/UTs	Bio-Gas	Improved Chulha	SHP	Wind	Bio-mass Power	Solar SLS	Photo-voltaic HLS	SL	Solar Cooker	Bio-mass Gasi-fiers	SADP Energy Parks	IREP	U&I
		(Nos.)	Nos. in lakh	(MW)	(MW)	(MW)	(Nos.)	(Nos.)	(Nos.)	(Nos.)	(in KW)	(Nos.)	(Nos.)	(MW)
1.	Andhra Pradesh	273019	34.67	34.31	88.04	12	3217	1150	14401	11778	13634	12	32	7.7
2.	Arunachal Pradesh	631	0.33	21.05	0	0	738	650	4437	530	180	4	10	0
3.	Assam	35816	5.31	2.2	0	0	98	1666	475	80	23	11	21	0
4.	Bihar	111422	11.42	0.05	0	0	673	456	41949	730	20	10	56	0
5.	Goa	3145	1.17	0.05	0	0	31	31	51	1417	22	1	5	0
6.	Gujarat	331642	13.29	2.00	166.91	0.5	1584	840	14808	47908	3921	7	25	2
7.	Haryana	39373	9.87	0.2	0	4	1030	2939	20922	17752	964	8	38	0
8.	Himachal Pradesh	42119	6.6	11.6	0	0	844	6843	17248	25616	7	9	45	0
9.	Jammu and Kashmir	1759	4.14	8.37	0	0	389	10169	5225	345	120	4	28	0
10.	Karnataka	263621	14.56	25.35	34.22	37	516	28	898	250	3699	10	42	1
11.	Kerala	57231	8.67	5.52	2.025	0	675	2498	31386	194	615	11	44	0
12.	Madhya Pradesh	169780	29.01	5.66	22.58	5	5554	149	7601	181000	4429	10	85	2.7

13.	Maharastra	641143	22.92	7.03	79.28	9	3045	226	5268	52017	3323	12	37	0
14.	Manipur	1756	0.65	4.1	0	0	370	50	3400	365	0	10	19	0
15.	Meghalaya	989	0.18	1.51	0	0	593	320	3200	1164	0	0	16	0
16.	Mizoram	2066	0.47	11.76	0	0	315	1645	3539	118	0	7	11	0
17.	Nagaland	1032	0.26	3.87	0	0	271	8	0	0	0	5	25	0
18.	Orissa	156738	17.63	1.26	1.1	0	5482	1064	5105	2981	72	4	45	0
19.	Punjab	55683	11.07	9.9	0	10	955	2200	10265	17219	660	11	40	0.75
20.	Rajasthan	65457	25.45	4.85	2	0	6685	15647	4624	36016	218	4	36	0
21.	Sikkim	2445	0.68	9.25	0	0	127	160	320	20	0	0	4	0
22.	Tamil Nadu	196413	26.11	6.7	770.73	94	2071	21	5203	1355	853	9	21	0.06
23.	Tripura	1015	0.53	101	0	0	340	1478	6895	68	0	3	6	0
24.	Uttar Pradesh	331339	37.04	31.39	0	50.5	708	57105	56288	39873	511	5	115	1
25.	West Bengal	160726	29.6	7.98	0	0	1264	8942	3271	5575	530	4	134	0
26.	Andaman and Nicobar	137	0.31	0	0	0	334	390	434	59	167	4	5	0
27.	Chandigarh	97	0.19	0	0	0	0	100	775	1523	0	3	1	0
28.	Dadar and Nagar Haveli	168	0.13	0	0	0	0	0	0	81	0	0	1	0
29.	Daman and Diu	0	0.01	0	0	0	0	0	0		0	0	1	0
30.	Delhi	671	2.66	0	0	0	301	0	4753	27990	74	9	5	0

Sl. No.	States/UTs	Bio-Gas	Improved Chulha	SHP	Wind	Bio-mass Power	Solar SLS	Photo-voltaic HLS	SL	Solar Cooker	Bio-mass Gasi-fiers	SADP Energy Parks	IREP	U&I
		(Nos.)	Nos. in	(MW)	(MW)	(MW)	(Nos.)	(Nos.)	(Nos.)	(Nos.)	(in KW)	(Nos.)	(Nos.)	(MW)
31.	Lakshwadeep	0	0.05	0	0	0	704	0	5060	0	0	0	1	0
32.	Pondicherry	539	0.36	0	0	0	2	0	531	88	0	2	2	0
33.	Others	0	4.37	0	0.465	0	0	0	0	7000	318	0	0	0
	Total	**2947972**	**319.71**	**216.97**	**1167.35**	**222**	**38916**	**116775**	**278332**	**481112**	**34360**	**189**	**860**	**15.21**

SHP - Small Hydro Power,
SLS - Street Lighting System,
HLS - Home Lighting System,
IREP - Integrated Rural Energy Programme,
U&I - Urban & Industrial Wast Energy
SADP - Special Area Demonstration Programmes,
SL - Solar Lanterns
MW - Megga Watt,
KW - Kilo Watt